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## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

(Rationalised Report according to the Notice of the President of the EPO published in the OJ11/2001)


Applicant's or agent's file reference <b>SMC 60512X/WO</b>	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. <b>PCT/GB03/01795</b>	International filing date (day/month/year) <b>25/04/2003</b>	Priority date (day/month/year) <b>26/04/2002</b>
International Patent Classification (IPC) or national classification and IPC <b>G07H21/00</b>		
Applicant <b>AVECIA LIMITED</b>		

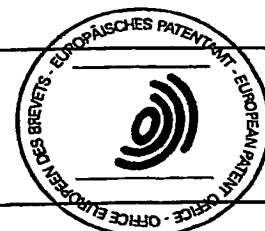
1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This **REPORT** consists of a total of 2 sheets, including this cover sheet.
- ☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consists of a total of \_\_\_\_\_ sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand <b>06/10/2003</b>	Date of completion of this report <b>12/01/2004</b>
Name and mailing address of the IPEA/  European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk - Netherlands Tel.: (+31-70) 340-2040 Fax: (+31-70) 340-3016	Authorized officer <b>VAN GOETHEM G A J</b> Tel. (+49-89) 2399-2828



**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

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International application No. PCT/GB03/01795

**I. Basis of the report**

The basis of this international preliminary examination is the application as originally filed.

**V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability**

In light of the documents cited in the international search report, it is considered that the invention as defined in at least some of the claims does not appear to meet the criteria mentioned in Article 33(1) PCT, i.e. does not appear to be novel and/or to involve an inventive step (see international search report, in particular the documents cited X and/or Y and corresponding claim references).

10/512138

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/01795

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07H21/00 B01J19/00 C08G65/332 C08G65/329 C08F12/22  
C08F290/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07H B01J C08G C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 02953 A (MAIN BRIAN GEOFFREY ;AVECIA LTD (GB)) 20 January 2000 (2000-01-20) cited in the application claims 1,5-7,11 page 15, line 8 - line 11 page 5, line 21 - line 35 page 6, line 18 - line 22	10,11
X	SELIGER H. ET AL : "Polymer-supported nucleic acid fragments" REACTIVE AND FUNCTIONAL POLYMERS, vol. 43, no. 3, 2000, pages 325-339, XP002250168 table 1 page 328 page 330	10-13

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*G\* document member of the same patent family

Date of the actual completion of the international search

5 August 2003

Date of mailing of the International search report

21/08/2003

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# INTERNATIONAL SEARCH REPORT

Int lional Application No

PCT/GB 03/01795

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 696 248 A (PEYMAN ANUSCHIRWAN ET AL) 9 December 1997 (1997-12-09) column 11, line 35 column 13, line 25 - line 50 column 31, line 25 - line 30	10-13
X	US 5 869 696 A (REDDY M PARAMESWARA ET AL) 9 February 1999 (1999-02-09) page 3, line 10 example 10	10, 11
A	WO 97 27226 A (ARGONAUT TECHNOLOGIES INC ;GOODING OWEN WILL (US); LABADIE JEFFREY) 31 July 1997 (1997-07-31) page 26 -page 27 page 32, line 7 - line 9	1-13

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/01795

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0002953	A	20-01-2000	AU 4791199 A	01-02-2000
			CA 2336914 A1	20-01-2000
			EP 1098925 A1	16-05-2001
			WO 0002953 A1	20-01-2000
			JP 2002520436 T	09-07-2002
			US 6395842 B1	28-05-2002
US 5696248	A	09-12-1997	DE 4420737 A1	21-12-1995
			DE 4424263 A1	11-01-1996
			AU 701333 B2	28-01-1999
			AU 2165995 A	21-12-1995
			CA 2151801 A1	16-12-1995
			EP 0688784 A2	27-12-1995
US 5869696	A	09-02-1999	JP 8027178 A	30-01-1996
			EP 0843684 A2	27-05-1998
			JP 2000500158 T	11-01-2000
WO 9727226	A	31-07-1997	WO 9740458 A2	30-10-1997
			AU 1834697 A	20-08-1997
			DE 19781535 T0	28-01-1999
			GB 2325234 A ,B	18-11-1998
			JP 2000504368 T	11-04-2000
			WO 9727226 A2	31-07-1997